

SURFACE CLINOMETER (wireless Lo.Ra.)

Description

Surface clinometers are used for monitor changes in the inclination of structures, walls, retaining walls, masses rocky and evaluate the behavior of bridges or loaded beams. Equipped with a MEMS sensor 3D digital, this tool detects variations angles of the structures providing useful indications concerning their rotational movements. The compartment that contains the sensors and electronics of conditioning is completely resinated in to ensure maximum durability over time against water infiltration. The box is equipped with special brackets that make installation easy in any position



Technical features

Sensor type	3D digital MEMS
Measuring range	from $\pm 5^\circ$ to $\pm 90^\circ$
Diet	internal lithium battery
Communication	Lo.Ra. P2P with gateway
Resolution	0.001% FS (0.0003°)
Repeatability	0.01% FS (0.003°)
Total accuracy	< 0.025% FS
Long-term stability	< 0.02°
Operating temperature	-20.....+60 °C
Dimensions	80x75x57 mm
Case material	Die-cast aluminum
Degree of protection	IP67
Characteristics	supports sleep mode internal temp. sensor 1 GB flash memory on board

Ordering Information

PRODUCT	DESCRIPTION CODE
CLS-500	Lo.Ra. Surface Clinometer
CLS-300	Fixing Bracket

For more information:

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